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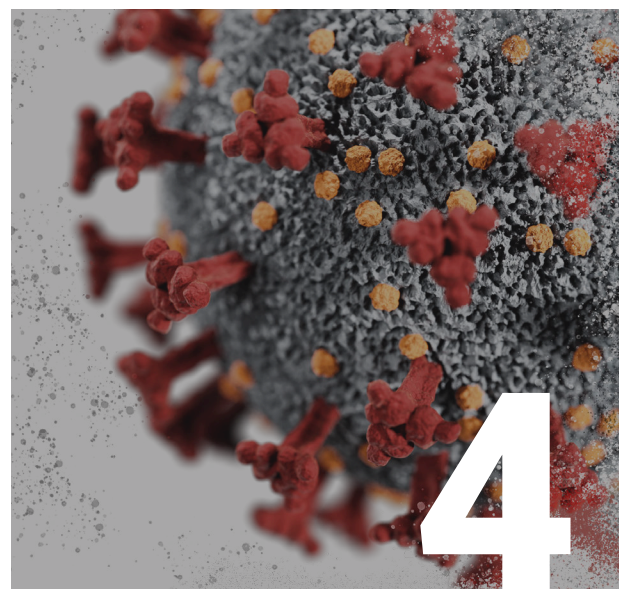
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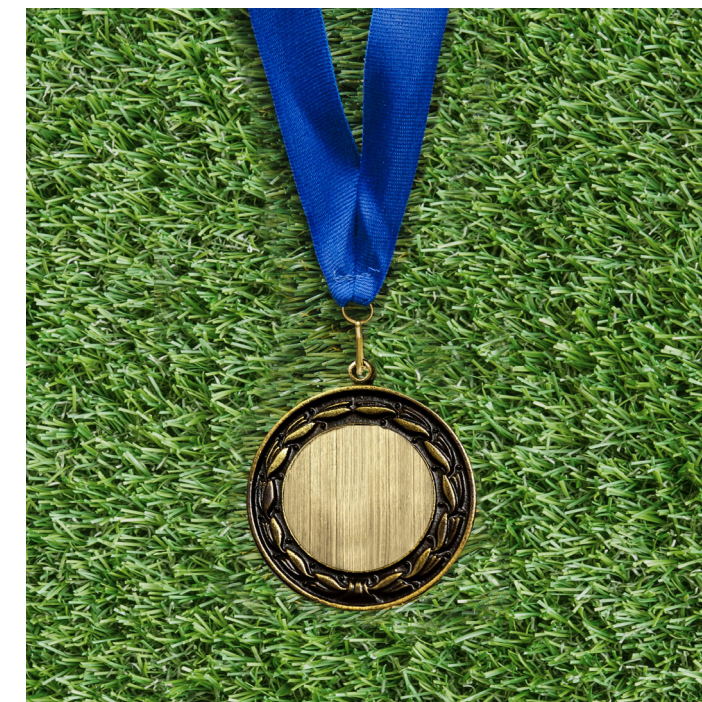
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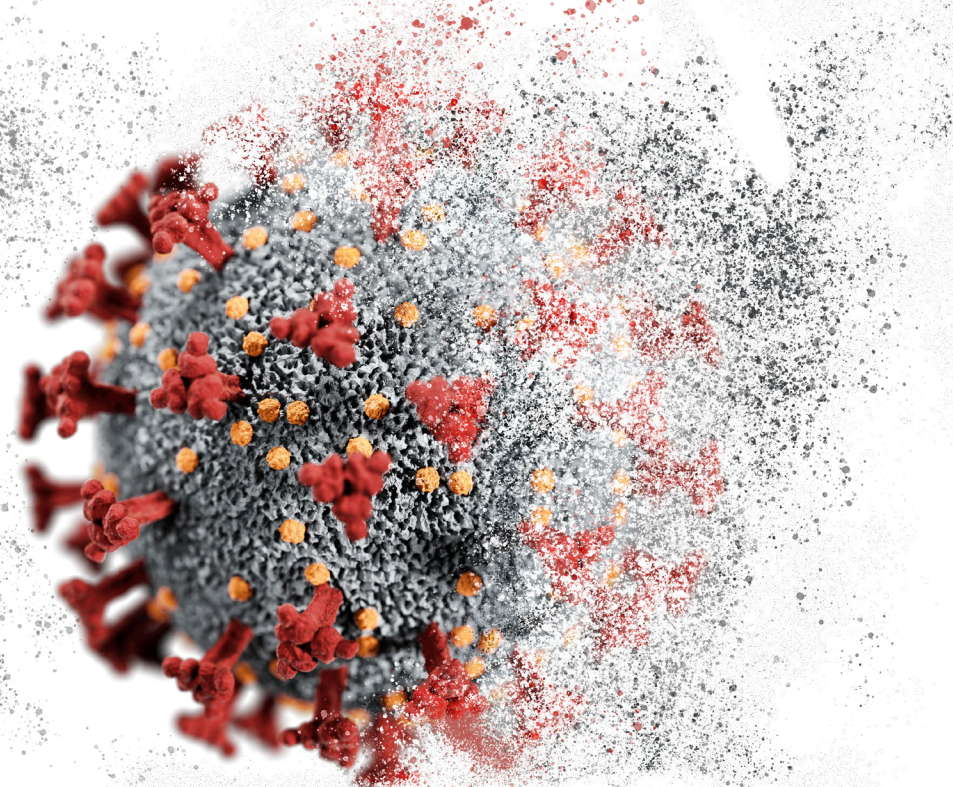
WITH FILMOP YOU ACHIEVE YOUR GOALS

In order to be effective and act in depth, cleaning must go beyond visible dirt by neutralizing even viruses and bacteria present on surfaces. This is not possible without the help of proper tools, which is why Filmop has always been committed to the development of high-performance equipment.

What's more, the company invests in the implementation of new technologies that can make surface cleaning as easy and ergonomic as possible and the handling of equipment as convenient and fast as possible, optimizing operations while protecting the health of operators.

This issue is devoted to the latest performance awards received, innovative technologies that simplify cleaning and safeguard physical and psychological well-being, and recommended tools for taking care of school environments.

FIGHTING COVID WITH FILMOP MICROFIBERS



Two and a half years ago, the World Health Organization (WHO) called the spread of **Covid-19** a **global pandemic**, which last month reached 590,659,276 confirmed cases worldwide.

Transmission of SARS-CoV-2 occurs through droplets, large respiratory particles, and by direct or indirect contact. **Environmental contamination**, a potential indirect mode of infection, is considered in all respects a possible **source of infection and viral spread**, so it is essential to put in place all necessary measures to counter virus transmission, including regularly **cleaning and disinfecting surfaces and environments**. To this end, special attention should be paid to the **common areas** of buildings such as bathrooms, halls, corridors and elevators, likewise it is recommended to frequently clean the **most frequently touched surfaces** such as faucets, door handles, switches, handrails, chairs and tables.

Cleaning is a **key point in preventing the spread of Coronavirus**, so the equipment used must be up to the delicate task it is called upon to perform. For this reason, Filmop decided to arrange for an external microbiology laboratory to test the viral removal capacity of different types of mops.

Rapido, Rapido Super Extra, A-B Plus, Micro-Activa, Wash Basic and **Active-Fur** floor microfibers, **Mono-Tex** disposable microfiber, and **Eco Multi-T** surface microfiber **passed with flying colors the rigorous test** carried out by the independent laboratory: in fact, the analysis found efficacy in viral removal by all tested textile products moistened with only sterile water before their use. In particular, the test showed **99 percent removal of Human Coronavirus 229E** from steel surfaces, establishing the undisputed ability of Filmop microfibers to effectively counteract the spread of Covid-19.



CLEANING AMONG THE SCHOOL DESKS

Properly cleaning classrooms, common areas and bathrooms is the only way to contain the spread of pathogens in educational institutions, so it is essential to **choose equipment appropriate to the task** allowing students, teachers and school workers to benefit from clean and healthy premises. Filmop's variety of systems developed for schools allow for **optimal cleaning** and a **high level of hygiene**, always offering the most appropriate solution for the type of operation and the environment to be cleaned.



V-sweeper system consisting of a mop holder and a cotton mop is designed for **dusting very large, obstacle-free indoor spaces** such as the lobby and gymnasiums. The natural fiber mixed with thick yarn collects and traps dust and dirt, releasing them only when the textile is washed.

Unilav and ErgoDrop tank tools, on the other hand, are particularly suitable for **washing and disinfecting small to medium-sized environments** such as classrooms and laboratories and in **quick action situations**. Both systems ensure maximum efficiency in terms of water use and chemical consumption because they allow the right dosage of the cleaning solution that needs to be released on the floor according to the dirt degree.



For **washing floors in large environments**, Filmop has designed **OneFred**, the **compact, handy trolley that can be customized** as required: in fact, it can be used with either two 15-liter buckets or two 25-liter buckets, in each case keeping the clean water separate from the rinse water.



The **Top-Clean** system consisting of a mop holder with hand-grip and microfiber mop is ideal for cleaning **desks, desktops, and blackboards** while the **Brilliant** system effortlessly removes dust, dirt, stains, and fingerprints from **glass and mirrors**, leaving surfaces without smears.

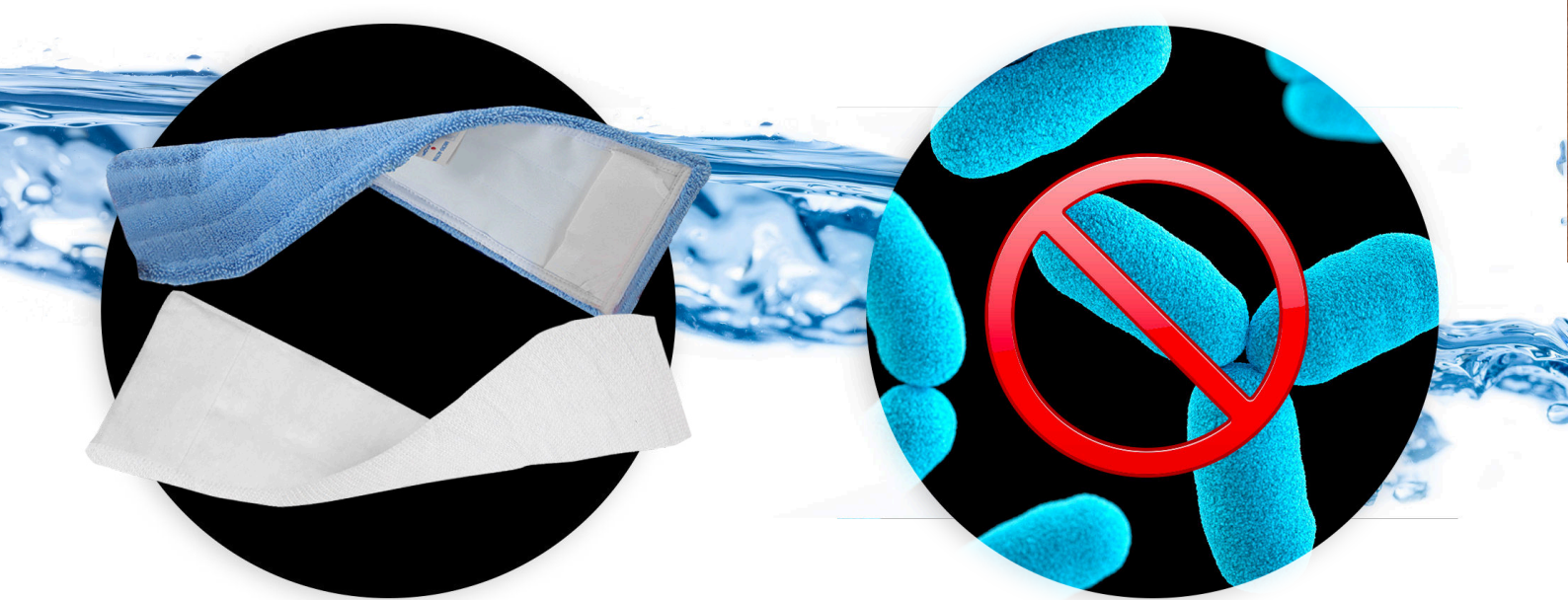
Compared to traditional manual wiping, both systems allow a significantly larger surface area to be cleaned in a single wipe, making cleaning faster and more effective.





EFFECTIVE EVEN WITH JUST WATER

Hygiene is guaranteed with Mono-Tex and Micro-Activa mops: tests carried out in accordance with UNI EN 16615:2015 have found **effectiveness in removing bacteria with water only**. In particular, the **Mono-Tex** disposable mop removes up to **94.2 %** of microorganisms on the surface while the **Micro-Activa** mop reaches **96.6 %**, significantly reducing microbial contamination without the use of cleaning solution.

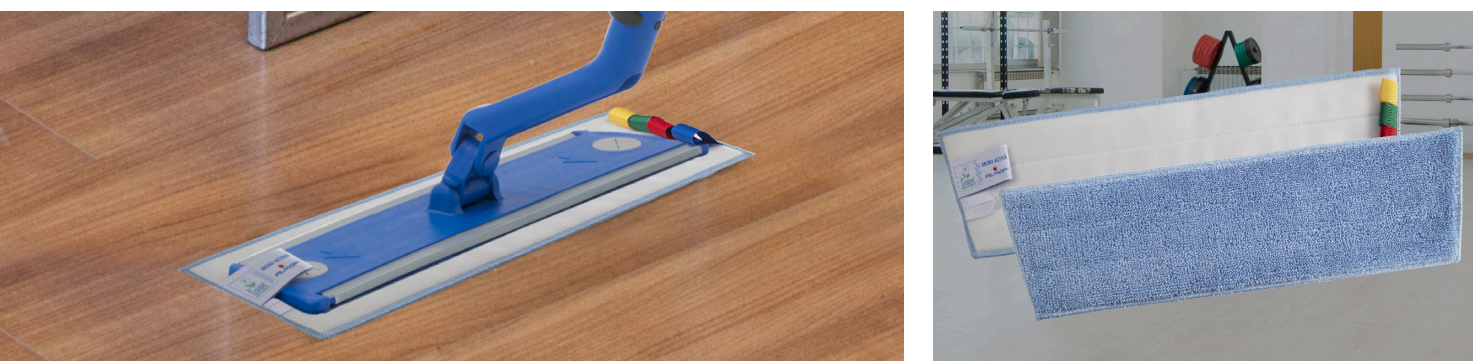


EFFICACY DEMONSTRATED WITH THE 4-FIELD TEST
Both tested mops passed with flying colors the evaluation of bactericidal activity carried out by an independent accredited institute, representing the ideal solution for flawless cleaning. The 4-field test described in EN 16615 involves rubbing the **water-only impregnated mop** on the surface of each test field, the first of which is contaminated with microorganisms. The analysis focused on the bacteria strains *Staphylococcus aureus* ATCC 6538, *Pseudomonas aeruginosa* ATCC 15442 and *Enterococcus hirae* ATCC 10541, and determined the degree of effectiveness of the mop in capturing the bacteria.

HYGIENE CHAMPIONS
Designed for wet dusting of floors, **Mono-Tex microfibre mop ensures optimum results with minimum effort**. The cleaning layer removes and traps dirt, while providing a high capacity to remove germs and bacteria and less friction on the floor leading to less strain.



Mono-Tex is **ideal for combating cross-contamination** and maintaining a high standard of hygiene, making cleaning with a single clean mop for every room simple. Suitable for frequent washing of floors, **Micro-Activa ultra-microfiber mop cleans effectively and deeply**. It stands out for high absorption power and excellent glide on the surfaces; it removes easily the dirt without friction on the floor and keeps its shape even after many washing cycles thanks to a particular twisting process of the yarn.



Micro-Activa helps to protect the environment: the mop has been awarded the prestigious **EU Ecolabel certification** that confirms the reduced impact throughout its life cycle while the pocket and strap tape system versions **passed the test on the release of microplastics** during washing and rinsing, carried out according to the ISO 23231 standard by an independent laboratory.



INNOVATING TO EXCEL



When dealing with cleaning mop holders, **an innovative joint design can overcome the structural and ergonomic limits** of traditional products. This is well known by Filmop's R&D department, which has developed two systems that excel in terms of **functionality** and **usability**.



CHANGE PERSPECTIVE WITH LOCK SYSTEM
Cleaning vertical surfaces has always been a challenge that is difficult to overcome without proper tools; in fact, traditional mop holders do not allow you to reach and clean them in the same way as horizontal surfaces.
Lock System is a flawless ally designed to get everywhere while always ensuring high performance, no matter the type of surface: **with the same mop holder, the operator can easily clean floors as well as walls and ceilings**, activating or deactivating the Lock System technology with a single gesture that requires no effort or hand contact. A simple foot operation is all it takes to lock or unlock the joint, conveniently switching from one operation to another without bending over.
 Activating the Lock System prevents lateral movement of the joint, with clear advantages in terms of cleaning: the mop holder adheres perfectly to vertical surfaces, thus optimizing dirt collection.

CLEAN WITHOUT ANY EFFORT WITH ERGOSWING
 Continued inappropriate posture and extensive wrist flexion-extension repeated over time are two risk factors in the occurrence of **musculoskeletal disorders and pathologies**.
 The ergonomic **ErgoSwing** joint is designed to **accompany the "S" movement with ease**, easily reaching even hard-to-reach areas such as under furniture. Combined with the special telescopic handle with turning grips, it greatly **reduces the operator's efforts** while protecting his or her health.
 The usability analysis of the ErgoSwing system performed by a specialized consulting firm found the **maintenance of correct posture** during floor cleaning operations and a **significant reduction in wrist flexion and extension movements** compared to traditional systems: this results in less fatigue and increased operator well-being, which means higher productivity.

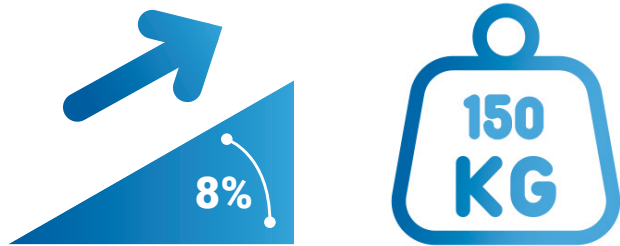
FIVE-STAR SERVICE



Providing work tools that are not only nice but also handy, easy to use and highly functional **qualifies the cleaning service in hospitality facilities while protecting the health of the operators**, and this is why Filmop constantly invests in the study and design of practical solutions and technical devices that can optimize the activities carried out daily in hotels.

Emotion Drive and **Alpha Hotel Drive** motorized trolleys are the answer to hospitality needs: the special range allows **up to 150 kg to be moved** effortlessly and safely, easily tackling slopes of up to **8 percent**.

Handling always takes place extremely **quietly and in a discreet way**, thus allowing guests' stay to be undisturbed during room cleaning and tidying up activities.



Emotion Drive and Alpha Hotel Drive reduce the risk of injury to the musculoskeletal system as they allow **exploiting the maximum capacity of the trolley and speeding up movements without, however, affecting the operator**: in fact, they allow heavy loads to be moved quickly without requiring effort, preventing the onset of occupational diseases over time. Moreover, they **require no pushing** and are **easy to drive and manoeuvre** even on surfaces that can create difficulties such as carpeting or outdoor flooring, and they ensure maximum safety during uphill and downhill transportation.

Emotion Drive and Alpha Hotel Drive include a **practical and intuitive console** for handling the trolley and a **rechargeable battery** that provides up to 8 hours of battery life in use and allows tablets and cell phones to be recharged thanks to the **integrated USB socket**. They also feature a simple and immediate **emergency STOP** and provide different acceleration for forward and reverse travel. The **forward speed is customizable from 2 to 4.5 km/h** to meet specific needs, and finally there is a choice of indoor and outdoor wheels.

OUR EXPERTS



FLOOR CARE

Why do hard floors actually need regular care? Is it mainly for aesthetic reasons, or does regular maintenance also remove contaminants and prolong the floor's life, for example?

Hard floors undoubtedly need regular care, not only for aesthetic and hygienic reasons but also to preserve them over time: it is estimated that the floor's value represents 5% of the building's total value, regular care is therefore essential to prolong the floor's life. Lastly, regular cleaning also reduces maintenance costs because it avoids extraordinary interventions.

What would happen if a hard floor were to be left uncleaned and unmaintained – no matter how much wear and tear it received?

The more a floor is left uncleaned and unmaintained, the more it deteriorates over time. If the dirt is not removed from the rough floors, it acts directly on the raw material, consequently reducing the duration over time. Similarly, if the treated floors are not cleaned regularly, the treatment risks deteriorating, leading to additional costs related to the restoration interventions.

What types of activities lead to the most floor damage? Can a low-traffic floor be left for long periods between treatments?

It depends on the country, the season and the type of building: the external dirt that is brought inside by people changes according to the context, for example it can be fine dust as well as sand mixed with de-icing salt in winter. In any case, dirt can scratch the treated floor or directly damage the raw material if it is rough. To ensure a long life, it is essential a regular cleaning of all types of floors, even those with low traffic.

What does a good floorcare plan look like? How regularly should the floor be maintained, and what equipment should be used?

Any good floor care plan starts with prevention: outside mat removes coarse dirt from shoes while inside mat removes the residual one. This is an important practice but definitely not a definitive solution: indeed, it is pivotal to plan both a daily and periodic cleaning.

Cleaning must start from floor dusting, it is not possible to wash or disinfect the surface if it has not been dusted first. The operation can take place with different tools depending on the needs: dust mops are generally used in schools, offices and airports, while soaked cloths are indicated in healthcare facilities.

Floor washing and disinfection can be carried out using Filmop wringer trolleys with two color-coded buckets, Top-Down hermetic buckets for pre-soaking or Equodose dosing device for soaking on demand.

Lastly, it is important to be prepared in case of unexpected spillages: Baggy Kit, consisting of dustpan and floor squeegee, is the ideal solution for quick collection of solid waste or liquid and semi-liquid substances.

What floorcare products does your company offer, and what are their chief advantages?

Filmop offers the right solution for any cleaning needs, starting from the wide range of trolleys with wringer designed to guarantee a deep, accurate and fast cleaning. They are equipped with two buckets to separate clean water from the rinsing one, thus ensuring a high level of hygiene.

Filmop also offers a highly professional solution for the pre-soaking of mops: the Top-Down system allows pre-soaking of mops using special buckets available in color code, complete with hermetic cover that ensures the effectiveness of the cleaning solution.

Lastly, Filmop has developed an innovative solution that allows soaking mops on demand: thanks to Equodose, operator can prepare mops directly on the trolley, dosing the cleaning solution depending on the surface to be cleaned. The mechanical dosing device allows cleaning each room with a different and always clean mop, preventing the risk of bacteria spreading. The wet mopping systems fit all Filmop trolleys and work along with the special range of Filmop microfibers, ensuring an efficient and effortless cleaning of any type of surface.

FILMOPTALK



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